IN THE CLAIMS:

Please cancel without prejudice claims 1-2, 7, 15, 20, 27, 31, 37-44, 49, 57 and 62 and amend claims as indicated in the complete listing of claims provided below.

1-2.   (canceled)

3.   (currently amended) The method of ~~claim 2~~claim 11, wherein the remote device contains no software device driver for the peripheral device connected to the port of the remote device.

4.   (previously presented) The method of claim 3, wherein the remote device has no running operating system.

5.   (currently amended) The method of ~~claim 2~~claim 11, further comprising:
generating at the server an image showing options to operate the peripheral device;
transmitting the image from the server to the remote device for display;
receiving at the server from the remote device data specifying user input relative to
        the image; and
applying at the server one or more options to operate the peripheral device according
        to the data specifying the user input relative to the image.

6.   (currently amended) The method of ~~claim 2~~claim 11, wherein a two-way communication channel is established for communication between the server and the peripheral device through the port of the remote device to operate the peripheral device under the control of the server.

7.   (canceled).

8.   (previously presented) The method of claim 6, wherein the peripheral device comprises a printer.

9.   (previously presented) The method of claim 8, wherein the instruction from the remote device requests to print a document; the server generates the control information according to the document for printing using the printer; and, the document is not received from the remote device.

10.   (currently amended) The method of ~~claim 2~~claim 11, wherein the control information is transmitted to the remote device via a wireless connection.

11.   (currently amended) ~~The method of claim 2, further comprising~~ A method to operate a peripheral device, the method comprising:

receiving at the server a request from the remote device for a document;

rendering at the server the entire document into an image; ~~and~~

transmitting the image in a compressed format from the server to the remote device
        for display;

receiving at a server an instruction from a remote device to operate the peripheral
        device, the peripheral device being connected to a port of the remote device;

in response to the instruction, the server:

        generating control information recognizable by the peripheral device when
           applied onto the port; and

communicating the control information to the remote device for applying onto

the port of the remote device to operate the peripheral device under

control of the server;

wherein the instruction from the remote device is in connection with the image.

12.   (previously presented) The method of claim 11, wherein the peripheral device

comprises a printer; and, the instruction comprises a print command to print the

document.

13.   (previously presented) The method of claim 11, wherein the document represents a

web page having links; and, said transmitting the image comprises:

dividing the image into a plurality of sections;

compressing the plurality of sections into a plurality of compressed sections

respectively; and

transmitting the plurality of compressed sections to the remote device in a sequence

according to a display priority.

14.   (previously presented) The method of claim 11, wherein the document contains

displayable information in a non-image format; a portion of the image is rendered

from the displayable information; and, the image is larger than a display area of the

remote device.

15.   (canceled)

16.   (currently amended) The method of ~~claim 15~~claim 24, wherein the remote device contains no software device driver for the peripheral device connected to the port of the remote device.

17.   (previously presented) The method of claim 16, wherein the remote device has no running operating system.

18.   (currently amended) The method of ~~claim 15~~claim 24, further comprising:
receiving an image from the server showing options to operate the peripheral device;
displaying the image on the remote device;
receiving user input relative to the image displayed on the remote device; and
transmitting, from the remote device to the server, data specifying the user input
        relative to the image for the server to apply one or more options according to
        the data to operate the peripheral device.

19.   (currently amended) The method of ~~claim 15~~claim 24, wherein a two-way communication channel is established for communication between the server and the peripheral device through the port of the remote device to operate the peripheral device under the control of the server.

20.   (canceled)

21.   (currently amended) The method of ~~claim 15~~claim 24, wherein the peripheral device comprises a printer.

22.   (previously presented) The method of claim 21, wherein the instruction from the

remote device requests to print a document; the server generates the control

information according to the document for printing on the printer; and, the document

is not received from the remote device.

23.   (currently amended) The method of ~~claim 15~~claim 24, wherein the control

information is transmitted to the remote device via a wireless connection.

24.   (currently amended) ~~The method of claim 15, further comprising~~ A method to operate

a peripheral device, the method comprising:

sending from the remote device to the server a request for a document;

receiving at least a first section of an image in a compressed format from the server at

the remote device for display, the image being rendered at the server from the

entire document; ~~and~~

displaying at the remote device the first section of the image;

sending from a remote device to a server an instruction to operate the peripheral

device, the peripheral device being connected to a port of the remote device;

establishing a communication channel to receive control information from the server

for applying onto the port of the remote device to operate the peripheral

device under control of the server, the control information being generated at

the server and recognizable by the peripheral device when applied onto the

port;

wherein the instruction from the remote device is in connection with the image.

25.   (previously presented) The method of claim 24, wherein the peripheral device

comprises a printer; and, the instruction comprises a print command to print the

image.

26.   (previously presented) The method of claim 24, further comprising:

automatically receiving wirelessly at the remote device a second section of the image

from the server after said displaying, the second section being outside a

display area of the remote device when the first section of the image is

displayed in the display area of the remote device; and

storing the second section of the image in the remote device.

27.   (canceled)

28.   (currently amended) The server of ~~claim 27~~claim 35, wherein the server contains a

device driver to generate the control information.

29.   (currently amended) The server of ~~claim 27~~claim 35, further comprising:

means for generating an image showing options to operate the peripheral device;

means for transmitting the image to the remote device for display;

means for receiving from the remote device data specifying user input relative to the

image; and

means for applying one or more options to operate the peripheral device according to

the data specifying the user input relative to the image.

30.   (currently amended) The server of ~~claim 27~~claim 35, wherein a two-way communication channel is established for communication between the server and the peripheral device through the port of the remote device to operate the peripheral device under the control of the server.

31.   (canceled)

32.   (previously presented) The server of claim 30, wherein the peripheral device comprises a printer.

33.   (previously presented) The server of claim 32, wherein the instruction from the remote device requests to print a document; the server generates the control information according to the document for printing on the printer; and, the document is not received from the remote device.

34.   (currently amended) The server of ~~claim 27~~claim 35, wherein the control information is transmitted to the remote device via a wireless connection.

35.   (currently amended) ~~The server of claim 27, further comprising~~ A server to operate a peripheral device, the server comprising:
means for receiving a request from the remote device for a document;
means for rendering the entire document into an image; and
means for transmitting the image in a compressed format to the remote device for
        display;

means for receiving an instruction from a remote device to operate the peripheral

device, the peripheral device being connected to a port of the remote device;

means for generating control information which is recognizable by the peripheral

device when applied onto the port;

means for communicating the control information to the remote device for applying

onto the port of the remote device to operate the peripheral device under

control of the server in response to the instruction;

wherein the instruction from the remote device is in connection with the image.

36.   (previously presented) The server of claim 35, wherein the peripheral device

comprises a printer; and, the instruction comprises a print command to print the

document.

37-44. (canceled)

45.   (currently amended) The medium of ~~claim 44~~claim 53, wherein the server contains a

software device driver to generate the control information to operate the peripheral

device; and, the remote device contains no software device driver for the peripheral

device connected to the port of the remote device.

46.   (previously presented) The medium of claim 45, wherein the remote device has no

running operating system.

47.   (currently amended) The medium of ~~claim 44~~claim 53, wherein the method further

comprises:

generating at the server an image showing options to operate the peripheral device;

transmitting the image from the server to the remote device for display;

receiving at the server from the remote device data specifying user input relative to
the image; and

applying at the server one or more options to operate the peripheral device according
to the data specifying the user input relative to the image.

48.   (currently amended) The medium of ~~claim 44~~claim 53, wherein a two-way
communication channel is established for communication through the port of the
remote device between the server and the peripheral device to operate the peripheral
device under the control of the server.

49.   (canceled)

50.   (previously presented) The medium of claim 48, wherein the peripheral device
comprises a printer.

51.   (previously presented) The medium of claim 50, wherein the instruction from the
remote device requests to print a document; the server generates the control
information according to the document for printing on the printer; and, the document
is not received from the remote device.

52.   (currently amended) The medium of ~~claim 44~~claim 53, wherein the control
information is transmitted to the remote device via a wireless connection.

53.   (currently amended) ~~The medium of claim 44, wherein the method further comprises~~<u>A machine readable medium containing executable computer program instructions which when executed by a data processing system cause said system to perform a method to operate a peripheral device, the method comprising:</u>

receiving at the server a request from the remote device for a document;

rendering at the server the entire document into an image; and

transmitting the image in a compressed format from the server to the remote device

       for display;

<u>receiving at a server an instruction from a remote device to operate the peripheral</u>

       <u>device, the peripheral device being connected to a port of the remote device;</u>

<u>in response to the instruction, the server:</u>

       <u>generating control information recognizable by the peripheral device when</u>

              <u>applied onto the port; and</u>

       <u>communicating the control information to the remote device for applying onto</u>

              <u>the port of the remote device to operate the peripheral device under</u>

              <u>control of the server;</u>

wherein the instruction from the remote device is in connection with the image.

54.   (previously presented) The medium of claim 53, wherein the peripheral device comprises a printer; and, the instruction is a print command to print the document.

55.   (previously presented) The medium of claim 53, wherein the document represents a web page having links; and said transmitting the image comprises:

dividing the image into a plurality of sections;

compressing the plurality of sections into a plurality of compressed sections

respectively; and

transmitting the plurality of compressed sections to the remote device in a sequence

according to a display priority.

56.   (previously presented) The medium of claim 53, wherein the document contains

displayable information in a non-image format; a portion of the image is rendered

from the displayable information; and, the image is larger than a display area of the

remote device.

57.   (canceled)

58.   (currently amended) The medium of ~~claim 57~~claim 66, wherein the remote device

contains no software device driver for the peripheral device connected to the port of

the remote device.

59.   (previously presented) The medium of claim 58, wherein the remote device has no

running operating system.

60.   (currently amended) The medium of ~~claim 57~~claim 66, wherein the method further

comprises:

receiving an image from the server showing options to operate the peripheral device;

displaying the image on the remote device;

receiving user input relative to the image displayed on the remote device; and

transmitting, from the remote device to the server, data specifying the user input

relative to the image for the server to apply one or more options according to

the data specifying the user input relative to the image.

61. (currently amended) The medium of ~~claim 57~~claim 66, wherein a two-way

communication channel is established for communication between the server and the

peripheral device through the port of the remote device to operate the peripheral

device under the control of the server.

62. (canceled)

63. (currently amended) The medium of ~~claim 57~~claim 66, wherein the peripheral device

comprises a printer.

64. (previously presented) The medium of claim 63, wherein the instruction from the

remote device requests to print a document; the server generates the control

information according to the document for printing on the printer; and, the document

is not received from the remote device.

65. (currently amended) The medium of ~~claim 57~~claim 66, wherein the control

information is transmitted to the remote device via a wireless connection.

66. (currently amended) ~~The medium of claim 57, wherein the method further~~

~~comprises~~A machine readable medium containing executable computer program

instructions which when executed by a data processing system cause said system to perform a method to operate a peripheral device, the method comprising:

sending from the remote device to the server a request for a document;

receiving at least a first section of an image in a compressed format from the server at the remote device for display, the image being rendered at the server from the entire document; and

displaying at the remote device the first section of the image;

sending from a remote device to a server an instruction to operate the peripheral device, the peripheral device being connected to a port of the remote device;

establishing a communication channel to receive control information from the server for applying onto the port of the remote device to operate the peripheral device under control of the server, the control information being generated at the server and recognizable by the peripheral device when applied onto the port;

wherein the instruction from the remote device is in connection with the image.

67.   (previously presented) The medium of claim 66, wherein the peripheral device comprises a printer; and, the instruction comprises a print command to print the image.

68.   (previously presented) The medium of claim 66, wherein the method further comprises:

automatically receiving wirelessly at the remote device a second section of the image from the server after said displaying, the second section being outside a

display area of the remote device when the first section of the image is

displayed in the display area of the remote device; and

storing the second section of the image in the remote device.